



NVI 5275
PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Farooq Uraizee et al.

Art Unit 1645

Serial No. 10/799,291

Filed March 12, 2004

Confirmation No. 8211

For USE OF SURFACTANTS TO STABILIZE OOCYSTS

August 11, 2004

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P.O. BOX 1450
ALEXANDRIA, VIRGINIA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicant submits the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein. In accordance with the OG notice of August 5, 2003 partially waiving the requirements of 37 C.F.R. 1.98(a)(2)(i), copies of the U.S. patent documents are not supplied. Applicant submits herewith copies of the foreign patent documents and literature references.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. §1.97(b) in that applicants believe that it is being filed prior to the mailing date of the first Office action on the merits. Accordingly, neither a statement nor fee under 37 C.F.R. §1.97(c) or (d) is required. However, if an Office action was issued prior to the date of mailing of this Information Disclosure Statement, the Commissioner is hereby authorized to charge any required fees regarding this Information Disclosure Statement to Deposit Account No. 19-1345.

Respectfully submitted,

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LJH/cms



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CERTIFICATE OF MAILING

I certify that this Information Disclosure Statement in the application of Farooq Uraizee, et al., Serial No. 10/799,291, filed March 12, 2004 is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this 11th day of August, 2004.

Christina M. Spencer
Christina M. Spencer

PTO/SB/08A			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/799,291	
			Filing Date	March 12, 2004	
			Confirmation Number	8211	
			First Named Inventor	Farooq Uraizee	
			Group Art Unit	1645	
			Examiner Name		
Sheet	1	of	4	Attorney Docket No.	NVI 5275

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	3,147,186		S.A. Edgar	09-01-1964
	2	4,438,097		Shirley	03-20-1984
	3	4,544,548		Davis, et al	10-01-1985
	4	4,639,372		Murray, et al	01-27-1987
	5	4,724,145		Murray, et al.	02-09-1988
	6	4,808,404		Bhogal	02-28-1989
	7	4,935,007		Bafundo, et al	06-19-1990
	8	5,004,607		Ragland, et al.	04-02-1991
	9	5,055,292		McDonald, et al.	10-08-1991
	10	5,068,104		Bhogal, et al.	11-26-1991
	11	5,122,471		Jenkins, et al	06-16-1992
	12	5,279,960		Anderson, et al	01-18-1994
	13	5,311,841		Thaxton	05-17-1994
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	15	6,019,985		Brown, et al.	02-01-2000
	16	2002/0160022	A1	Schasteen, et al.	10-31-2002
Examiner Signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

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	17	2003/0143717	A1	Hutchins, et al.	07-31-2003
	18	10/728,194		Schasteen, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office	Number ⁴	Kind Code ² (if known)			
	19	EP	0243548	A1	E-H. Lee	11-04-1987	
	20	EP	0258045	A2	Eli Lilly and Company	03-02-1988	
	21	EP	0325359	A1	A.H. Robins Company, Inc.	07-26-1989	
	22	EP	0506211	A1	British Technology Group Ltd.	09-30-1992	
	23	RU	2019189 (abs)	C1	Artyukov et al.	09-15-1994	
	24	WO	94/16725	A1	Merck & Co., Inc.	08-04-1994	
	25	WO	96/40233	A1	Pfizer Inc.	12-19-1996	
	26	WO	96/40234	A1	Pfizer, Inc.	12-19-1996	
	27	WO	00/50072	A2	Pfizer, Inc.	08-31-2000	
	28	WO	01/34187	A2	Novus International, Inc.	05-17-2001	
	29	WO	03/020917	A1	Embrex, Inc.	03-13-2003	

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OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	30	DANFORTH, "Use of Live Oocyst Vaccines in the Control of Avian Coccidiosis: Experimental Studies and Field Trials", <i>International Journal for Parasitology</i> , July 1998, 28(7): 1099-1109	
	31	DULSKI, et al., "The Purification of Sporocysts and Sporozoites from Eimeria tenella Oocysts Using Percoll Density Gradients," <i>Avian Diseases</i> , 1988, pp. 235-39, Vol. 32, No. 2, Amer. Assoc. of Avian Pathologists, USA	
	32	JENKINS, et al., "Protective Immunity against Coccidiosis Elicited by Radiation-Attenuated Eimeria maxima Sporozoites that are Incapable of Asexual Development," <i>Avian Diseases</i> , 1993, Jan-Mar, 37(1), pp. 74-82.	
	33	LIVACOXR® Natural Way of Protection of Poultry from Coccidiosis, "LIVACOXR® Live attenuated coccidiosis vaccine for poultry; Technical Manual for Use in Commercial Broiler Operations", BIOPHARM, Research Institute of Biopharmacy and Veterinary Drugs, Autumn, 1996, pp. 3-11	
	34	LONG, P.L., et al., "A Guide to Laboratory Techniques Used in the Study and Diagnosis of Avian Coccidiosis," <i>Folia Veterinaria Latina</i> , 1976, Vol. VI(3), pp. 201-217.	
	35	ROLINSKI, et al, "Medycyna Weterynaryjna", 1988, Vol. 44(8), p. 461 (abstract only).	
	36	RYLEY, J.F. et al., "Methods in Coccidiosis Research: Separation of Oocysts from Faeces," <i>Parasitology</i> , 1976, Vol. 73(3), pp. 311-326.	
	37	Schering-Plough Animal Health, Material Safety Data Sheet, "PARACOX," August 2, 2000, pp. 1-5.	
	38	SHARMA, N., "Response of the Fowl (Gallus domesticus) to Parenteral Administration of Seven Coccidial Species," <i>Journal of Parasitology</i> , 1964, Vol. 50(4), pp. 509-517.	
	39	SMITH, et al., "The Respiration of the Protozoan Parasite, EIMERIA TENELLA," <i>Journal of Parasitology</i> , 1944, Vol. 30, pp. 295-302.	
	40	SMITH, et al, "A Rapid Technique for the Cleaning and Concentration of Eimeria Oocysts", <i>Poultry Science</i> , 1975, Vol. 54, pp. 2081-2086.	

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	41	WAGENBACH, G.E. et al., "A Method for Purifying Coccidian Oocysts Employing Clorox and Sulfuric Acid-Dichromate Solution," <i>Journal of Parasitology</i> , 1966, Vol. 52(6), p. 1222.	
	42	WATKINS, et al., "The Effect of In Ovo Oocyst or Sporocyst Inoculation on Response to Subsequent Coccidial Challenge," <i>Poultry Science</i> , 1995, Oct., Vol. 74(10), pp. 1597-1602.	
	43	WILLIAMS, R.B., "The development, efficacy and epidemiological aspects of Paracox™, a new coccidiosis vaccine for chickens," Mallinckrodt Veterinary, Ltd., (date unknown), pp. 1-16.	
	44	WILSON, et al., "Biochemistry of Sporulation in Oocysts of Eimeria Acervulina," <i>J. Protozool.</i> , 1961, Vol. 8(4), pp. 410-416.	
	45	YUASA, et al., "Isolation and Some Characteristics of an Agent Inducing Anemia in Chicks," <i>Avian Diseases</i> , 1979, pp. 366-85, Vol. 23, No. 2, Amer. Assoc. of Avian Pathologists, USA	

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